

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-8. (Canceled)

9. (Currently amended): A packaging system for causing articles to fall downward along a predetermined falling route and filling said articles into a tubular film thereby producing packaged products, comprising:

sealing means operating on said falling route after an interval from a time when the articles fall down, for sealing an end of said film in a direction orthogonal to a transfer direction of said film;

a bite detecting means for detecting the presence or absence of articles being bit into the sealed portion; and

a controller comprising:

determination means for determining whether a state of a flow of the articles on said falling route is normal or abnormal, based on the presence or absence of articles being bit into the a sealed portion; and

change[[,]] means for changing the interval according to the state of the flow of the articles determined by said determination means, wherein

a system feedback controls the interval based on a signal indicating the state of the flow inputted from said determination means.

10. (Previously presented): A packaging system according to claim 9, further comprising:

a timing storage for storing the interval according to a type of either said articles or a product, wherein the interval may be updated.

11. (Previously presented): A packaging system according to claim 10, further comprising:

an auxiliary device operating on said falling route after a second interval from a time when the articles fall down; thereby facilitating or improving a flow of the articles; and

a weight checker for weighing the packaged product;

wherein said change means changes the intervals for operating the sealing means and the auxiliary device; and

wherein said system feedback controls so as to adjust the auxiliary device operation timing when defects in a weight of the packaged product measured by the weight checker are not improved even by adjusting the sealing timing of the sealing means.